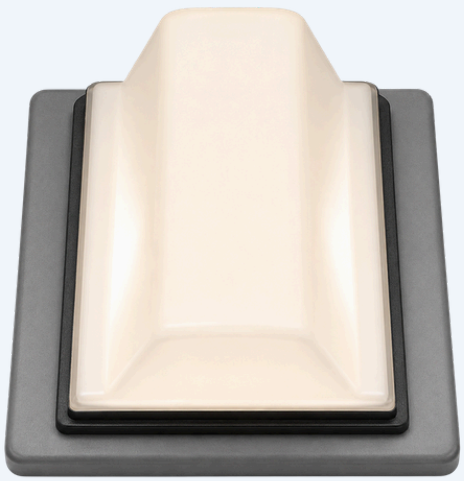

WNC-325-1-SLP
Corridor Lamp

The WNC-325-1-SLP Corridor Lamp (2-Gang, White Lens with Sounder) is a high-visibility, audible-visual signaling device designed for wireless nurse call and emergency response systems. Positioned outside patient rooms, exam rooms, or staff zones, this 2-gang corridor lamp provides instant, dual-sensory alerts to floor staff when a call is placed.

Featuring an integrated audible sounder paired with an impact-resistant translucent white lens, the unit ensures that critical alerts are noticed immediately, even in high-ambient-noise environments or long institutional corridors. The WNC-325-1-SLP operates as a supervised wireless peripheral, receiving activation signals from patient stations, bath stations, or emergency pull-cords, making it an essential component for maximizing staff response times in clinics, assisted living facilities, and hospitals.

Specifications

Form Factor: 2-Gang Faceplate Integration
Visual Element: High-intensity LED array with a translucent white dome lens
Audible Element: Integrated piezo sounder (~80–85 dB at 10 feet)
Operating Voltage: 12VDC to 24VDC / VAC power input
Current Draw: Low standby current draw; nominal active draw under 150mA

Mounting Configuration:

Enclosure Material: Flame-retardant ABS plastic base plate; high-impact polycarbonate lens
Dimensions: Fits standard US 2-gang electrical boxes
Communication Type: Supervised RF receiver paired with central wireless console

Architects' and Engineers' Specifications

1.1 General System Components
• The contractor shall furnish and install the WNC-325-1-SLP Wireless Corridor Lamp with integrated sounder outside patient rooms or designated alert zones as indicated on the project drawings.
• The unit shall be a 2-gang configuration featuring a high-impact, translucent white lens housing long-life, solid-state LED light sources. Devices relying on incandescent filament bulbs shall not be acceptable.

1.2 Functional and Performance Requirements
• The corridor lamp must contain an internal audible sounder capable of emitting continuous or pulsed tone synchronized with visual call signals.
• The device shall interface wirelessly with the primary emergency call console. It must support automated health-check supervision telemetry to ensure immediate detection of power loss or component failure.
• The faceplate assembly must fit flush onto a standard two-gang electrical backbox, utilizing industrial-grade, flame-retardant polymers that withstand repeated sanitation cleaning procedures.

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Product Specification Sheet

WNC-325-1-SLP

Corridor Lamp

Features

• **Dual-Sensory Alerting:** Combines ultra-bright LED illumination with a built-in piezo sounder for simultaneous visual and audible alert coverage.

• **High-Efficiency Solid-State LEDs:** Utilizes low-current, long-life LED arrays that eliminate the need for routine bulb replacements and lower long-term maintenance overhead.

• **Acoustically Tuned Sounder:** The internal sounder delivers a distinct, high-decibel tone designed to penetrate closed doors without causing patient stress.

• **Sleek 2-Gang Geometry:** Designed to mount flush on a standard two-gang electrical box, blending into modern healthcare interiors while maintaining a noticeable profile down long hallways.

• **Fully Wireless Integration:** Eliminates complex, labor-intensive corridor data wiring by communicating directly with the centralized wireless nurse call master console.

• **Supervised Circuitry:** Features continuous automated supervision check-ins to report power status and operational readiness to the master station.

Compliance and Certification

The WNC-325-1-SLP is engineered to meet strict institutional safety and wireless transmission standards for electronic signaling hardware:

• **FCC Part 15 Certified:** Conforms to Class B digital device requirements, ensuring clean RF operation that does not interfere with critical surrounding medical telemetry equipment.

• **UL 1069 / UL 2560 Standard Compliance:** Formulated to fulfill compliance pathways for emergency call signaling equipment inside skilled nursing, assisted living, and clinical care spaces.

• **RoHS Compliant:** Fabricated using entirely lead-free, non-hazardous components to ensure full alignment with modern environmental safety protocols.

• **Life Safety Supervised Monitoring:** Features integrated signal tracing compatible with supervised nurse call systems (such as the MV200Plus or C-Based master hubs), ensuring the loop is constantly monitored for line-break or signal dropouts.

Equipment Options

The WNC-325-1-SLP can be configured with various options and power/signal components depending on facility architecture:

• **WNC-325-1-SLP Standard Assembly:** Includes the 2-gang mounting plate, integrated white dome lens, internal solid-state LED/sounder driver, and wireless receiver module.

• **Power Supply Options:** Available for local 12–24V AC/DC power configuration or centralized system power networks.

• Alternative Lens Variations: While standard with a white translucent lens, the housing architecture supports multi-zoned colored inserts or lenses (e.g., amber, red, green) for distinguishing priority levels if required by system programming.

• **Backbox Configurations:** Fits standard dual-gang electrical surface-mount or flush-mount masonry/drywall boxes.

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